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# NUMBERS & ODDITIES #
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- Editor: Ary Boender      *****      e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
- - - - -
- Download the complete N&O newsletter from the N&O web site -
- at: http://home.luna.nl/~ary/ -
- - - - -
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
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-::: N&O #38 June 2001 :::-

Hello and welcome to a new edition of N&O. Despite the fact that there is little to report and that we have only half of the usual number of logs, I still wanted to issue N&O. Please, share your findings with us and send them to me at ary@luna.nl. Thanks to those who supplied this month's info. It is much appreciated.

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* STATION PROFILE *

NEW STAR BROADCASTING STATION [V13]

I got some requests for a station profile of V13. Hans van den Boogert wrote an article in the DSWCI DX-Window bulletin a couple of years ago. With kind permission of Hans, the article was also published in the WUN Newsletter vol.2 #12. Although it was published in 1996, the info is still valid.

Hans lived in Taipei when he wrote the article. He monitored the station for quite a while and even created a New Star home page. Be sure to check it at:

<http://ns4.swl.net/radiochina/newstar/newstar.html>

Current active frequencies are: 8300, 9725, 11430, 13750 and 15388 kHz.

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o New Star Broadcasting Station.
author: Hans van den Boogert, Taipei, Taiwan

This is a report about the NEW STAR BROADCASTING STATION, or Xin Xing Guangbo diantai in Mandarin Chinese. I have observed this station on the following frequencies: 8300, 9725 and 11430, where the latter two

seem to be alternates both featuring the third program. Reception is clear and strong local daytime here in Taiwan (2300-1000 UTC), but hardly or not audible at night (1200-1600 UTC). I'm not a propagation expert, so maybe somebody else could give some educated guesses about a possible location.

New Star seems to have different services, or programs. Each frequency identifies itself as "the third" or "the fourth" program ("di san tai" or "di si tai"). Content is different, but program format is the same. Broadcasts range from 5 to 40 minutes and I recorded a broadcast on 8300 kHz in October as typical case.

In order to save my energy I hereby give a list of Chinese cardinal numbers. Ordinal numbers are formed by putting "di" in front of the cardinal number.

Chinese numbers from 1-10:

1 = yi	7 = qi
2 = er	8 = ba
3 = san	9 = jiu
4 = si	10 = shi
5 = wu	20 = er-shi
6 = liu	26 = er-shi-liu

Transmission details:

Transmissions usually start at the hour, e.g. 0400, 0500, 0600, with a traditional piece of Chinese music as interval signal, featuring a flute. Once you hear it you never forget it. Usually two women are featured: one for the general announcements, the other for the messages. They are both recorded and this clearly shows in the coded messages which suffer from lack of proper intonation. The outline of the transmissions is as follows:

Station ID + program ID. An example:

Zheli shi Xin Xing Guangbo diantai, di si tai (2x)

[Here is New Star Broadcasting Station, the fourth program]

Call for particular units (danwei) that cables (dianbao) are coming. These stations have 4 or 5 letter call-signs. Also indicated is the month and number (...yue,th report) of the cables and how many cable characters (dianwen) it consists off. An example:

.....you 5-3-2-5-3 danwei [.....for unit 5-3-2-5-3], shi yue fen di yi hao dianbao [October 1st cable], yi fen dian bao dianwen 53 zi [one cable, 53 characters]. You 4-4-7-1 danwei [for unit 4-4-7-1], shi yue fen di si hao [October 4th cable], yi fen dianbao dianwen 61 zi [one cable, 61 characters]. 5-3-2-5-3 danwei 4-4-7-1 danwei zhuyi chaoshou [Unit 5-3-2-5-3, unit 4-4-7-1, stand by for reception].

This announcement is repeated a couple of times, with the interval music in between. Then actual code transmissions begin, preceded by this announcement:

Zheli shi Xin Xing Guangbo diantai, di si tai.
[Here is New Star Broadcasting Station, the fourth program]
Xianzai women.... [Now we....]
kaishi..... [begin...]
baogao gei nin [with the reporting for you].
Qing nin zhuyi, zhunbei chaoshou. [Please stand by for reception]

Then the actual reading of numbers starts in this format, each number repeated twice. If the cable is finished this is also announced:

9093 9033 8799 8799 9989 9989 1956 1956 4244 4244 3904 3904
9939 9939 8988 8988.
yishang shi gei 4-4-7-1 [The preceding was intended for unit
4-4-7-1], shi yue fen di si hao [October 4th cable], yi fen
dianbao dianwen 61 zi [one cable, 61 characters]. xianzai yijing
bowen wan le [now finished with broadcasting the cable].

Finally the whole broadcast is ended with the following words:

yishang tejie heyuebosong wanbi. xiexie nin de shouting. zhu
nin jiankang kuai le. zaihui. [The preceding special programme.....
now finished transmission. Thank you for listening. We wish you
health and happiness. Goodbye.]

Comments from the Hans:

First a disclaimer: my Chinese is not perfect and Xin Xing's audio is not that great, so I might have made minor mistakes in translation, or in copying content (90% is correct though). Even my girlfriend had trouble understanding the Chinese and she is a native speaker, so there you go!

I don't want to give too many comments on this station. It seems a spy station, packaged very nicely, but from where and for whom is everybody's guess. The Mandarin used sounds like mainland Chinese Mandarin, but it could as well be from Taiwan. The signal and audio quality also point to mainland China, but then again, at night this station is not audible in over here and so it points to Taiwan again.

Maybe it's not a spy station at all. I remember some years back there was a German number station, also sounding very nice and everybody thought it came from East Germany. Turned out to come from West Germany and relaying results of horse racing (this was before the computer

networking craze and turned out to be cheaper and faster than other means of distribution).

-0-0-0-0-0-0-0-0-0-0-

* STATION NEWS *

The first e-mail comes from the Ukraine. Sergey informs us about a CIS military station on 5040 kHz, working with stations as: Gusar 55, Gusar 53, Gusar 44, Gusar 26, Gusar 03, Gusar 35, Gusar 76, Gusar 17.

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::: RUSSIAN MAN 7019

Our next guests are from Japan. Regular contributor Takahsi noted a female operator with phone patches in Russian on 7019 kHz. The Russian Man numbers station on this frequency (Thu at 1104) can be heard regularly with heavy QRM from ham CWS, he says.

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::: M82 - BML

North Korean station BML can occasionally be heard on 4700 kHz at H+00 at East Asian midnight. This frequency has been used by North Korean Intelligence for decades. <Takashi Yamaguchi>

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::: M21

Russian Air Defense station M21 was very active on 4560 and 6330 kHz this month.

<<<<<>>>>>

::: M18

Still active, now on 4073. The station possibly transmits from Eastern Russia as it is currently only heard in Asia.

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::: SOUTH KOREAN STATIONS

Takushi Ochiai, a very active Japanese SWL, says that ''the presumed South Korean female numbers in AM, without ENIMA code, are still very active during the East Asian, using 6215 kHz etc for personal communication.''

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::: M40

Hideharu Torii, a member of the Asian Broadcasting Institute in Japan, says on his BBS: ''M40, the North Korean CW numbers, is still on but its activities are going down.''

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::: M29 / G04

When writing this on 25 June, no-one seems to have heard G04 this month. It's counterpart M29 was on the air on Tuesday at 0600 at 6560 and 0630 at 6660 kHz.

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::: FAPSI [X06 / M42]

Kai logged a bunch 'mazielka' calls. FAPSI's selcal system was noted on 5232, 6892, 8027, 8085, 9102 and 11545 kHz.

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::: XF - FADERS

Leif checks in with news about the digital US military stations in Europe. He says: ''It looks like the US-MIL has dropped their various nets in Italy, Germany and North Western Europe using the robust anti-multi path modem (also known by Enigma members as "Faders"). All of their known freqs have been silent for the last weeks. Either they have received new equipment or they have moved to either means of communication''

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::: UNID CW

Igor found a new CW station 'X2M'. Probably military and in itself not so special, but... the times used by the station are very odd. The time used is either UTC+19. Are they fake, or could the time indicate a period of validity of the messages; or...? Ideas anyone???

Frequency : 8398 kHz

Callsign : X2M

Mode : very fast morse

Time used : UTC+19

Characteristics: callup: 'cq cq cq de x2m x2m vvv' (2 minutes) 'msg msg ch ch'; header consists of message nr sent twice, followed by 'ck100', time, date, '=' into 5 figure messages; ends with 'ar'.

Examples:

(logged on 11 June, 1203 UTC)

cq cq cq e x2m x2m vvv
cq cq cq e x2m x2m vvv
cq cq cq e x2m x2m vvv
msg msg ch ch
msg ch

nr03 nr03 ck100 ck100 time0701 time0701 date1206 date1206 =
35109 57381 79563... 54632 95762 48902 ar

nr04 nr04 ck100 ck100 time0706 time0706 date1206 date1206 =
90718 68731 56732... 05164 97143 08246 ar

(logged on 12 June, 1209 UTC)

nr21 nr21 ck100 ck100 time0707 time0707 date1306 date1306 =
04951 01298 16059... 30241 89106 70815 ar

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★ MAILBOX ★

ClandestineRadio.com and Clandestine Radio Watch would like to inform you, that 3 pages with Clandestine Radio Schedules have been added to the web site of CRW.

These schedules are :

CR - All regions - All stations by Eike Bierwirth - Germany
Kurdistan SW Target List by Dan Henderson - USA &
Somalia SW Target List by Dan Henderson - USA

You can find them via

<http://www.clandestineradio.com/martin/crw-main.html>

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Simon spotted a new spy magazine. More info can be found on
<http://www.eyespy.com/>

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Station news from Germany. Thanks guys!

- The Bad Aibling Field station, part of the echelon-system in Germany will possibly be closed this year! Officials say that they not longer need this station. A new and smaller satellite station -outside Germany- will replace Bad Aibling. We'll wait and see.....

- E05 transmitter site Frankfurt
Recently one of the Log Periodic tx antenna's was dismantled for a while. Probably for maintenance. It's now back where it belongs.

-0-0-0-0-0-0-0-0-0-0-

* INTELLIGENCE NEWS *

Since the establishment of the Russian Air Force in 1992, the defense ministry has made large cuts in air force manpower and aircraft and in the overall defense budget. The most recent of these reductions was in 1998 as a result of combining air and air defense forces. Over 30 air regiments were disbanded, leaving approximately 70 air regiments. The hardware from these disbanded units was either put into storage or distributed between the remaining units, allowing the Russians to remove more ailing aircraft from the active inventory. Moscow's effort to consolidate security in Central Asia is designed to legitimize Russian intervention and preserve Russia's lasting military presence on its southern periphery. Although Uzbek President Islam Karimov has stressed that the Central Asian states should exercise responsibility for their own security, Russian control is steadily increasing. Even Uzbekistan agreed to join the CIS Integrated Air Defense System in March. <source unknown>

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* LINK-11 CRACKED BY CHINA? *

NewsMax.com published a very interesting article that states that China might have cracked the link-11 codes after the recent capture of a US Navy aircraft.

NewsMax states that Japanese defense officials informed the Pentagon that the Link-11 secure military communication system was compromised after a U.S. Navy plane was forced down. Japanese defense officials confirmed that Tokyo ordered its defense forces to change Link-11 codes after the EP-3E was captured.

The U.S. Navy EP-3E surveillance aircraft held by China is equipped with the most advanced version of the NATO Link-11 secure communication system. The Navy aircraft was forced to land on Hainan Island after a collision with a Chinese air force F-8 interceptor in April.

The EP-3E in question, aircraft PR-32, was equipped with the latest version of the NATO Link-11 system, code named "Story Book." Japanese officials are concerned that, even if the hard drives of the computers were magnetically wiped and the CD-ROM key disks were destroyed, there is still much the Chinese could learn.

According to the article, Chinese military engineers are already very familiar with the U.S. designed Link-11 communication system. The Chinese military employs a stolen version of the U.S.-made Link-11. The Link W system employed by the People's Liberation Army Navy (PLAN) is an unlicensed copy of the U.S. Navy Link-11.

<source: NewsMax.com>

The complete article and more interesting related stuff can be found on NewsMax.com's pages. Be sure to visit them.

<http://www.newsmax.com>

<http://www.newsmax.com/archives/articles/2001/6/7/193114.shtml>

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★ USSR SPY BASE IN LONDON ★

The Russians had a large spy base in north London intercepting and decoding British radio communications from the end of the Second World War until the early 1950s. The site, at Whetstone, had been set up during the war, ostensibly to allow the official Soviet news agency Tass to monitor German news broadcasts. In fact the site which had a field full of aerials and a number of large buildings was mainly concerned with monitoring military and diplomatic communications. The revelation of the Soviet Cold War coup is contained in Richard J. Aldrich's book The Hidden Hand. Prof Aldrich says the agreement that allowed the site to be set up provided the staff with diplomatic immunity and did not fix a date for them to leave so they were able to remain in place well into the Cold War.

<source: Electronic Telegraph - 15/6/2001>

Does anyone has more detailed info and pictures of this site? Please let me know. -Ary-

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★ SOUTH AFRICA ★

President Thabo Mbeki will get a special intelligence support unit which will ensure that he receives accurate, timely and relevant intelligence reports. Intelligence Minister Lindiwe Sisulu announced this on the 14th June. The unit will be part of the restructured intelligence ministry.

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★ THE NETHERLANDS ★

After a two years delay, the Sperwer finally made its first five test flights over Holland. The Sperwer (Sparrow Hawk) is an unmanned spy plane. The Dutch army obtained 34 of these planes, that were built by French company Sagem.

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★ ECHELON ★

Echelon still keeps a lot of people busy. 'Mainichi', a Japanese newspaper, says that an US-led spy network has intercepted Japanese diplomatic communications for 20 years to keep track of Tokyo's economic activities. The network used bases in New Zealand to monitor Japanese satellite communications.

Mainichi based its article on a book about the subject written in 1996 by a New Zealand author Nicky Hagar. The book is called 'Secret Power'. ISBN 0-908802-35-8.

I have read the book and found the information about New Zealand's intelligence more interesting than the Echelon stuff. It is the only book about New Zealand's intelligence that I have ever seen. Secret Power describes amongst others the various GCSB locations and how they were used for Echelon.

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★ SOVIET SPY ★

A former US intelligence agent was recently convicted of spying for the Soviet Union during the Cold War. 74 years old George Trofimoff sold thousands secret US military documents to the KGB while he was chief of the US Army Joint Interrogation Center in Nuremberg, Germany, from 1969 to 1994.

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★ SPY SNIFFERS ★

During a speech at the launch of a spy exhibition in London, MI5's director general told the world that MI5 had plans in the 1970's to train gerbils to sniff out spies.

The rodents could be trained to detect a rise in adrenalin in the sweat of people under stress. MI5 wanted to use the gerbils during

the interrogation of suspected spies.

The Canadian Mounties discovered the ability of the gerbils and Israel actually used them in Tel Aviv's airport. They had kept the animals in cages next to the security check areas. Fans blew the smell of the suspect towards the gerbils who were trained to press a lever if they detected rises in adrenalin.

The problem was however that they could not notice the difference between suspects and frightened passengers; that's why MI5 eventually dropped their plans.

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★ LOGS SECTION ★

3195	MX	Russian mil Izhevsk. Channelmarker R CW 25-06-2001 Mon 2023 (AB)
3440,0	6PXJ	"V ABYZ DE 6PXJ" over and over in CW // 4567 // 6785kHz. CW 30-04-2001 Mon 1035 (TY)
3440,0	6PXJ	Unid station repeating "V ABYX DE 6PXJ" over and over in CW. CW 03-05-2001 Thu 1129 (TY)
3444,0	6PXJ	Unid station repeating "V ABYZ DE 6PXJ" over and over in CW. CW 12-06-2001 Tue 1130 (TY)
3457,0		unid station repeating "HDNA" over and over in CW. CW 03-05-2001 Thu 1830 (TY)
3587	JPEJ	wkg DEAP. Preamble 018 94 9 0018 = 326. Cyrillic 5LGs CW 08-05-2001 Tue 1400 (RN)
3594,0	MX	SLHFM-F, Vladivostok, Russia CW 03-05-2001 Thu 1104
3594,0	MX	SLHFM-F, Vladivostok, Russia CW 03-05-2001 Fri 1728
3594,0	MX	F-SLHFM, Vladivostok, Russia CW 12-06-2001 Tue 1118
3756	S30	Pip CW 25-06-2001 Mon 2025 (AB)
3840	E10	YHF2 USB 19-06-2001 Tue 2130
3840,0	E10	YHF, msg AM 02-06-2001 Sat 2200 (HFD)
3926	M08a	ID 06292 45791 96312 CW 03-06-2001 Sun 1000
4015	E10	KPA2 USB 13-06-2001 Wed 2015
4016	M08a	ID 71613 80763 29203 (rpt of 0200z sked on 5419m) CW 02-06-2001 Sat 0300
4016	M08a	ID 35511 25782 49573 (rpt of 0300z sked on 5419m) CW 21-06-2001 Thu 0400
4016	M08a	ID 35513 25783 67753 CW 23-06-2001 Sat 0300
4027	M08a	ID 46304 59782 50923 (stops at 0301z and moves to 5758m) CW 22-06-2001 Fri 0300
4027	M08a	(in progress from 5758m) CW 22-06-2001 Fri 0303
4028	V02a	AM 15-06-2001 Fri 0100
4041	CH8N	TN8T DE CH8N CW 25-06-2001 Mon 2011 (AB)
4073,0	M18	Russian pseudo-TS, Ust'Kamennogorsk, Kazakhstan. Sending "0048 0048 0048", UTC+3hrs. CW 30-04-2001 Mon

4073,0 M18 Russian pseudo-TS, Ust'Kamennogorsk, Kazakhstan CW
 02-05-2001 Wed 1407 (TY)
 4100,0 Unid station repeating "HDNA" over and over in CW CW
 15-06-2001 Fri 1959 (TY)
 4173 M08a ID 06292 45791 96312 (rpt of 1000z sked on 3926m) CW
 03-06-2001 Sun 1100
 4233,0 XSL The slot machine AM 13-05-2001 Sun 1305 (TY)
 4233,0 XSL The slot machine AM 01-06-2001 Fri 1100 (TY)
 4233,0 XSL The slot machine AM 04-06-2001 Mon 2231 (TY)
 4270 E10 USB 21-06-2001 Thu 1918
 4270 E10 PCD2 USB 21-06-2001 Thu 1935
 4292,0 XSL The slot machine AM 13-05-2001 Sun 1305 (TY)
 4293,0 XSL The slot machine AM 01-06-2001 Fri 1100 (TY)
 4293,0 XSL The slot machine AM 04-06-2001 Mon 2231 (TY)
 4293,0 XSL The slot machine AM 17-06-2001 Sun 0315 (TY)
 4329 M08a (too weak to copy) CW 03-06-2001 Sun 1100
 4461 E10 FTJ USB 15-06-2001 Fri 2000
 4461 E10 FTJ 2 msgs: 39 SYBQN / 20 FZBFF USB 19-06-2001 Tue
 2130
 4461 E10 Israeli Intel. FTJ AM 25-06-2001 Mon 2000 (AB)
 4506 M08a ID ----- (in progress) CW 01-06-2001 Fri
 4554 CH8N wkg unid station on same freq. 5LGs messages CW
 26-06-2001 Tue 1857 (AB)
 4558,0 MX SLHFM-M, Magadan, Russia CW 03-05-2001 Fri 1720 (TY)
 4560 E10 YHF2 USB 19-06-2001 Tue 2130
 4560,0 M21 Russian Air Defense, pseudo-TS, Russia, in CW CW
 08-06-2001 Fri 1258 (TY)
 4560,0 M21 Russian Air Defense, pseudo-TS, Russia, in dirty CW
 w/distinctive hum. Sending "BT991444??8?????". CW
 10-06-2001 Sun 1045 (TY)
 4560,0 M21 Russian Air Defense, pseudo-TS, Russia, in dirty CW
 w/distinctive hum. Sending "BT991423??8?????" CW
 11-06-2001 Mon 1024 (TY)
 4560,0 M21 Russian Air Defense, pseudo-TS, Russia, in dirty CW
 with distinctive hum. CW 12-06-2001 Tue 1110 (TY)
 4567,0 6PXJ "V ABYZ DE 6PXJ" over and over in CW //3440//
 6785kHz. CW 30-04-2001 Mon 1035 (TY)
 4624 S28 Buzzer AM 25-06-2001 Mon 1915 (AB)
 4625 S28 Buzzying AM 18-06-2001 Mon 1937
 4700,0 M082 BML, M82, North Korean Intelligence, "VVV JVG JVG JVG
 DE BML BML BML QSA3 QSA? QTC 478" CW 19-05-2001 Sat
 2200 (TY)
 4700,0 M082 BML, M82, North Korean Intelligence, "VVV JVG JVG JVG
 DE BML BML BML QSA3 QSA? QTC 359 QTC NR 359 " CW
 21-05-2001 Mon 0900 (TY)
 4780 E10 SYN2 USB 18-06-2001 Mon 1945
 4780,0 E10 SYN2, Israeli Mossad USB 03-05-2001 Thu 1745 (TY)
 4780,0 E10 SYN2, Israeli Mossad USB 03-05-2001 Thu 1845 (TY)

4880	E10	ULX2 USB 18-06-2001 Mon 1930
4880	E10	ULX 25 DI0BF USB 19-06-2001 Tue 2030
4880	E10	ULX2 USB 19-06-2001 Tue 2130
4905,0	M01	025-214/40=7146# no EoM transmission CW 28-06-2001 Thu 2000 (HFD)
5074,0	M45	074-614/38=30487 nothing heard on 5474 CW 28-06-2001 Sat 1702 (HFD)
5091	E10	in progress USB 18-06-2001 Mon 1937
5091	E10	JSR USB 19-06-2001 Tue 2030
5091	E10	JSR USB 19-06-2001 Tue 2130
5091,0	E10	JSR Israeli Mossad USB 15-06-2001 Fri 2000 (TY)
5116	M08a	ID ----- (in progress) CW 01-06-2001 Fri
5116	M08a	ID 46304 59782 50923 CW 22-06-2001 Fri 0200
5154,0	MX	SLHFM-F and K, Vladivostok and Peteropavrovsk Kam., Russia CW 03-05-2001 Fri 1720 (TY)
5154,0	MX	SLHFM-K, Peteropavrovsk Kam., Rus AM 24-05-2001 Thu 1028 (TY)
5154,0	MX	E-SLHFM, somewhere, Russia or Pip CW 12-06-2001 Tue 1118 (TY)
5170	E10	KPA2 USB 13-06-2001 Wed 2015
5170	E10	KPA2 USB 18-06-2001 Mon 1915
5170,0	E10	MIW2, Israeli Mossad USB 03-05-2001 Thu 1715 (TY)
5230	E10	VLB2 USB 18-06-2001 Mon 1945
5232	X06	6-tone selcal AM 12-03-2001 2211 (KS)
5334,5	HKT4	Unid station HKT4 sending "CQ DE HKT4" in hand-sent CW. CW 02-06-2001 Sat 1229 (TY)
5339	E10	MIW2 USB 13-06-2001 Wed 2015
5339	E10	MIW2 USB 18-06-2001 Mon 1915
5412,0	NH8T	Unid station Repeating "V LA5S DE NH8T" over and over in hand-keyed CW CW 31-05-2001 Thu 1215 (TY)
5412,0	NH8T	Unid station Repeating "V LA5S DE NH8T" over and over in hand-keyed CW CW 04-06-2001 Mon 1215 (TY)
5412,0	NH8T	Unid station Repeating "V LA5S DE NH8T" over and over in hand-keyed CW CW 11-06-2001 Mon 1245 (TY)
5412,0	NH8T	Unid station Repeating "V LA5S DE NH8T" over and over in hand-keyed CW CW 12-06-2001 Mon 1116 (TY)
5419	M08a	ID 71613 80763 29203 CW 02-06-2001 Sat 0200
5419	M08a	ID 35511 25782 49573 CW 21-06-2001 Thu 0300
5419	M08a	ID 35511 25782 49573 CW 21-06-2001 Thu 0300
5422,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 03-05-2001 Thu 1700 (TY)
5435	E10	ART 115 VY??? USB 13-06-2001 Wed 2000
5435	E10	ART 115 ZYWJX USB 15-06-2001 Fri 2000
5435	E10	USB 21-06-2001 Thu 1935
5435	E10	Israeli Intel. ART AM 25-06-2001 Mon 2000 (AB)
5437	E10	ART2 AM 21-06-2001 Thu 2030
5465,0	MX	SLHFM-R, Izhevsk, Russia CW 29-04-2001 Sun 1632 (TY)
5465.8	MX	R CW 13-06-2001 Wed 2035

5465.8	MX	R CW 18-06-2001 Mon 1937
5600,0	6PXJ	Unid station repeating "V ABYZ DE 6PXJ" over and over in CW. //6785kHz. CW 17-06-2001 Sun 0932 (TY)
5680	M23	single groups CW 27-04-2001 2221
5715,0		Presumed South Korean female numbers, without Enigma code. Two kinds of female numbers started simultaneously at 2103JST in progress of IS (Korean pop song) on the same freq.. AM 06-05-2001 Sun 1200
5758	M08a	covered broadcast CW 13-06-2001 Wed 0200
5758	M08a	ID 46304 59782 50923 (stops at 0303z and moves back to 4027m) CW 22-06-2001 Fri 0301
5762	V02a	@0212-long pause like computer locked up, 0214 resumed with CW in background AM 16-06-2001 Sat 0200
5762	V02a	AM 30-06-2001 Sat 0200
5800	V02a	A 76702 47456 03512 AM 06-06-2001 Wed 0300
5811,0	M40	VVV CQ113, M40, North Korea. CW 13-05-2001 Sun 1400 (TY)
6212	M13	378 (R5) BT 236 20 BT CW 03-06-2001 Sun 0300
6215,0		Presumed South Korean female numbers, without Enigma code. Started Korean pop song followed by two kinds of female numbers at 2105 JST. AM 06-05-2001 Sun 1200
6215,0		Presumed South Korean female numbers, without Enigma code. Two kinds of female numbers started simultaneously at 2103JST in progress of IS (Korean pop song) on the same freq.. AM 07-05-2001 Mon 1200
6215,0		Presumed South Korean female numbers, in progress AM 19-05-2001 Sat 1533 (TY)
6270	E10	// 7760 ULX AM 12-06-2001 Tue 0100
6270	E10	ULX2 USB 18-06-2001 Mon 1930
6270	E10	ULX 25 DI0BF USB 19-06-2001 Tue 2030
6330,0	M21	BT991444??8?????, Pseudo-TS, Russian Air Defense CW 06-05-2001 Sun 1046 (TY)
6330,0	M21	"BT991616??8?????", Russian pseudo-TS, Russian Air Defense. CW 07-05-2001 Mon 1215 (TY)
6330,0	M21	Russian pseudo-TS, Russian Air Defense. CW 08-05-2001 Tue 0935 (TY)
6330,0	M21	Russian pseudo-TS, Russian Air Defense. , "1528??8?????", in dirty CW. CW 09-05-2001 Wed 1129
6330,0	M21	Russian pseudo-TS, Russian Air Defense. , "1528??8?????", in dirty CW. CW 09-05-2001 Wed 2032
6330,0	M21	BT991449??8?????, Pseudo-TS, Russian Air Defense CW 14-05-2001 Mon 1050 (TY)
6330,0	M21	The Russian pseudo-TS, Russian Air Defense. "BT991613??8?????", This time is accurate. Dirty CW w/distinctive hum. CW 17-05-2001 Thu 1208 (TY)
6330,0	M21	Russian Air Defense, pseudo-TS, Russia, in dirty CW w/distinctive hum. CW 26-05-2001 Sat 1235 (TY)
6330,0	M21	Russian Air Defense, pseudo-TS, Russia, in dirty CW

w/distinctive hum. Sending "BT991417??8?????" CW
07-06-2001 Thu 1019 (TY)

6330,0 M21 Russian Air Defense, pseudo-TS, Russia, in dirty CW
w/distinctive hum. CW 08-06-2001 Fri 1247 (TY)

6330,0 M21 Russian Air Defense, pseudo-TS, Russia, in dirty CW
with distinctive hum. CW 12-06-2001 Tue 1112 (TY)

6370,0 E10 KPA2, Israeli Mossad USB 16-05-2001 Wed 2115 (TY)

6417,0 XSL The slot machine AM 01-06-2001 Fri 1100 (TY)

6417,0 XSL The slot machine AM 04-06-2001 Mon 2231 (TY)

6417,0 XSL The slot machine AM 17-06-2001 Sun 0315 (TY)

6418,0 XSL The slot machine AM 13-05-2001 Sun 1305 (TY)

6445,0 XSL The slot machine AM 01-06-2001 Fri 1100 (TY)

6445,0 XSL The slot machine AM 04-06-2001 Mon 2231 (TY)

6446,0 XSL The slot machine AM 13-05-2001 Sun 1305 (TY)

6485,0 E03 Lincolnshire Poacher numbers, British MI6, Cyprus USB
03-05-2001 Thu 1700 (TY)

6495,0 E03 Lincolnshire Poacher numbers, British MI6, Cyprus USB
29-04-2001 Sun 1900 (TY)

6504 M53 vvv cq611,393 (R5) hr hr 16 16 = = 9T419 94T28 83874
21371 49T36 27776 191T7 T5478 32441 89841 9TT73 28735
16T29 1737T 859T9 T6267 ar ar rpt rpt CW 06-06-2001
Wed 1330 (IB)

6529 Babbler USB 11-06-2001 Mon 2350

6560 M29 VDE CW 05-06-2001 Tue 0600

6660 M29 VDE CW 05-06-2001 Tue 0630

6767 M08a ID 21102 ----- (in progress) CW 03-06-2001 Sun

6768 V02a carrier til :09, then m8a snippet, @ :10 V2a starts in
middle of message AM 06-06-2001 Wed 0400

6768 V02a AM 30-06-2001 Sat 0100

6785,0 Unid station HMA, without ENIGMA code, sending 5FG's
in very rapid CW, using short "0". CW 17-06-2001 Sun

6785,0 6PXJ "V ABYZ DE 6PXJ" over and over in CW. //3440//
4567kHz. CW 30-04-2001 Mon 1035 (TY)

6785,0 6PXJ Unid station repeating "V ABYZ DE 6PXJ" over and over
in CW. CW 17-06-2001 Sun 0932 (TY)

6796 M08a already in progress at :01 CW 01-06-2001 Fri 1300

6796 M08a ID 21101 37893 67461 CW 02-06-2001 Sat 1200

6796 M08a ID ----- (uncopiable-heavy QRN) CW
04-06-2001 Mon 1300

6825 M08a already in progress at :01 CW 01-06-2001 Fri 1300

6840,0 E10 EZI, Israeli Mossad USB 03-05-2001 Thu 1900 (TY)

6842 E10 // 9130 // 11565 AM 12-06-2001 Tue 0200

6855 V02a A 30592 64393 57471 AM 06-06-2001 Wed 0300

6866 E17 294 650 650 197 197 AM 14-06-2001 Thu 0300 (RH)

6866 M08a ID 58743 37651 87871 CW 02-06-2001 Sat 1300

6866 M31 VVVx5 DE FDGx3 AR CW 03-06-2001 Sun 0400

6892 X06 6-tone selcal AM 22-03-2001 2214 (KS)

6900,0 S06 The Russian Man numbers, Russian Intelligence, S06, in

progress AM 31-05-2001 Thu 1231 (TY)
 6900,0 S06 The Russian Man numbers, Russian Intelligence, S06,
 already in progress AM 11-06-2001 Mon 0940 (TY)
 6912 E10 VLB2 USB 14-06-2001 Thu 2045
 6912 E10 VLB2 USB 18-06-2001 Mon 1945
 6912 E10 Israeli Intel. VLB2 AM 25-06-2001 Mon 2045 (AB)
 6912,0 E10 SYN2, Israeli Mossad USB 03-05-2001 Thu 1745 (TY)
 6912,0 E10 SYN2, Israeli Mossad USB 03-05-2001 Thu 1845 (TY)
 6912,0 E10 VLB2 Israeli Mossad USB 15-06-2001 Fri 2045 (TY)
 6930 E10 Israeli Intel. SYN2 AM 26-06-2001 Tue 1948 (RGA)
 6945,0 S17C 77044 AM 02-06-2001 Sat 1250 (HFD)
 6945,0 S17C 67046 AM 10-06-2001 Sun 1250 (HFD)
 6945,0 S17C 78045 AM 13-06-2001 Wed 1250 (HFD)
 6945,0 S17C 71040 AM 16-06-2001 Sat 1250 (HFD)
 6945,0 S17C 85034 AM 17-06-2001 Sun 1250 (HFD)
 6945,0 S17C 84045 AM 23-06-2001 Sat 1250 (HFD)
 6959 E03 84221 USB 13-06-2001 Wed 2000
 6959 E03 in progress USB 14-06-2001 Thu 2021
 6959 E03 81005 USB 15-06-2001 Fri 2000
 6959 E03 USB 21-06-2001 Thu 1933
 6959 E03 USB 21-06-2001 Thu 2035
 6959 E03 LP, id 12963 USB 25-06-2001 Mon 2000 (AB)
 6959 E03 LP. id 24099 USB 25-06-2001 Mon 2100 (AB)
 6959,0 E03 Lincolnshire Poacher numbers, British MI6, Cyprus USB
 29-04-2001 Sun 1900 (TY)
 6959,0 E03 Lincolnshire Poacher numbers, British MI6, Cyprus USB
 30-04-2001 Mon 2100 (TY)
 6959,0 E03 LP, British MI6, Cyprus USB 04-06-2001 Mon 2100 (TY)
 6959,0 E03 LP, British MI6, Cyprus USB 04-06-2001 Mon 2200 (TY)
 6959,0 E03 LP, Cyprus USB 15-06-2001 Fri 2000 (TY)
 6959,0 E03 LP, Cyprus USB 15-06-2001 Fri 2100 (TY)
 6982 M08a ID ----- (uncopiable-too weak) CW
 03-06-2001 Sun 1300
 6985 524 00000 AM 14-06-2001 Thu 2000 (JMM)
 6985 E06 527 00000 USB 13-06-2001 Wed 2000
 7019,0 The Russian Man numbers, without ENIGMA code AM
 03-05-2001 Thu 1104 (TY)
 7019,0 The Russian Man numbers, without ENIGMA code AM
 24-05-2001 Thu 1104 (TY)
 7019,0 The Russian Man numbers, without ENIGMA code AM
 31-05-2001 Thu 1104 (TY)
 7019,0 The Russian Man numbers, without ENIGMA code AM
 07-06-2001 Thu 1104 (TY)
 7019,0 The Russian Man numbers, without ENIGMA code AM
 14-06-2001 Thu 1104 (TY)
 7039,9 MX Cluster beacon S, Arkhangelsk CW 25-06-2001 Mon 2029
 7256,0 M03 287/00 CW 22-06-2001 Fri 1630 (HFD)
 7322,0 E10 FTJ Israeli Mossad USB 15-06-2001 Fri 2030 (TY)

7324,0		Unid station repeating "CWS4".over and over in CW. CW 26-05-2001 Sat 0928 (TY)
7337	E03	in progress USB 18-06-2001 Mon 1923
7337,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 29-04-2001 Sun 1800 (TY)
7337,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 09-05-2001 Wed 2100 (TY)
7337,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 16-05-2001 Wed 2100 (TY)
7337,0	E03	LP, British MI6, Cyprus USB 31-05-2001 Thu 2200 (TY)
7337,0	E04	LP, British MI6, Cyprus USB 12-06-2001 Tue 2100 (TY)
7358	E10	FTJ 2 msgs: 39 SYBQN / 20 FZBFF USB 19-06-2001 Tue 2130
7358	E10	Israeli Intel. FTJ AM 25-06-2001 Mon 2100 (AB)
7358,0	E10	FTJ, Israeli Mossad USB 04-06-2001 Mon 2115 (TY)
7358,0	E10	FTJ, Israeli Mossad, E10 USB 12-06-2001 Tue 2100 (TY)
7373,0	M21	The Russian pseudo-TS, Russian Air Defense, "BT99203T??8?????"in dirty CW. This Moscow time is accurate. CW 29-04-2001 Sun 1630 (TY)
7373,0	M21	The Russian pseudo-TS, Russian Air Defense CW 30-04-2001 Mon 0804 (TY)
7373,0	M21	Russian pseudo-TS, Russian Air Defense. "BT991412??8?????"in clear CW. CW 02-05-2001 Wed 1012 (TY)
7373,0	M21	The Russian pseudo-TS, Russian Air Defense. "BT991526??8?????". This time is accurate and poss Moscow time.. CW 03-05-2001 Thu 1126 (TY)
7519	M08a	ID 82921 96932 74471 CW 01-06-2001 Fri 2200
7519	M08a	GNMNA MRMDN IUUIA CW 01-06-2001 Fri 2200
7540	E10	in progress (50 BDHNE) USB 15-06-2001 Fri 2035
7540	E10	JSR USB 19-06-2001 Tue 2030
7668	M16	8BY. DGSE. 708/463/237/594/475/912 CW 26-06-2001 Tue 1943 (RGA)
7680	M08a	in progress CW 01-06-2001 Fri 1400
7760	E10	EZI (41) EIRLP AM 01-06-2001 Fri 0100
7760	E10	ULX AM 02-06-2001 Sat 0100
7760	E10	// 6270 ULX AM 12-06-2001 Tue 0100
7811,0	E10	VLB2, Israeli Mossad USB 03-05-2001 Thu 1745 (TY)
7864,0		Unid station 3SP sending V and CQ marker in hand-sent CW. CW 02-06-2001 Sat 0607 (TY)
7887	M08a	in progress CW 02-06-2001 Sat 1400
7918	E10	YHF2 USB 11-06-2001 Mon 0230
7918	E10	YHF AM 12-06-2001 Tue 0200
7976	M08a	ID ----- (in progress) CW 03-06-2001 Sun
7976	M08a	(in progress) CW 24-06-2001 Sun 0800
8009	M08a	ID 07481 94204 73352 CW 25-06-2001 Mon 2300
8010	M08a	ID 94773 62181 09251 CW 22-06-2001 Fri 0800
8011	M08a	ID 52362 72861 93151 CW 06-06-2001 Wed 0800

8011	M08a	ID 52362 72861 93151 CW 06-06-2001 Wed 0800
8011	M08a	ID 00442 75663 92953 CW 25-06-2001 Mon 0800
8027	X06	6-tone selcal AM 22-03-2001 2250 (KS)
8085	X06	6-tone selcal AM 13-04-2001 2212 (KS)
8085,0	E05	TCS, CIA USB 03-05-2001 Thu 1700 (TY)
8096	M08a	ID 73882 67723 13062 (rpt of 0400z sked on 9330m) CW 04-06-2001 Mon 0500
8097	V02a	5FGs AM 28-06-2001 Thu 0534 (Vambo)
8112	M10	555 555 555 186 186 186 38 450 450 450 211 + 5FGs CW 0412 (PP)
8135	M08a	GNMNA MRMDN IUUIA CW 01-06-2001 Fri 2300
8135	M08a	ID 82921 96932 74471 (rpt of 2200z sked on 7519m) CW 01-06-2001 Fri 2300
8135	M08a	ID 02033 94202 59673 CW 21-06-2001 Thu 2300
8135	M08a	ID 02034 94203 59674 CW 22-06-2001 Fri 2300
8135	M08a	ID 15701 62253 47322 CW 28-06-2001 Thu 2300
8136	M08a	ID 13062 49823 67723 CW 03-06-2001 Sun 1000
8136,0	M08a	The Cuban Cut CW numbers, DGI, in progress CW 26-05-2001 Sat 1120 (TY)
8136,0	M08a	The Cuban Cut CW numbers, DGI, in progress CW 02-06-2001 Sat 1105 (TY)
8136,0	M08a	The Cuban Cut CW numbers, DGI, in progress CW 03-06-2001 Sun 0905 (TY)
8136,0	M08a	The Cuban Cut CW numbers, DGI, in progress CW 10-06-2001 Sun 1030 (TY)
8190	M10	555x3 275x3 52 450x3 27 (R5) - QRN to heavy for copy, plus weak signal CW 02-06-2001 Sat 0210
8190	M10	555x3 275x3 43 450x3 35 (R5) (no copy on msg, QRN heavy and very weak signal) CW 13-06-2001 Wed 0210
8190	M10	555x3 275x3 43 450x3 35 (R5) (no copy on msg, QRN heavy and very weak signal) CW 13-06-2001 Wed 0210
8190	M10	555x3 186x3 26 450x3 19 (R5) CW 22-06-2001 Fri 0210
8190	M10	555x3 186x3 26 450x3 19 (R5) CW 23-06-2001 Sat 0210
8190	M10	555x3 186x3 26 450x3 19 (R5) (rpt of 6/23/01 sked same time/freq) CW 24-06-2001 Sun 0210
8190	M10	555x3 275x3 24 450x3 18 (R5) CW 25-06-2001 Mon 0210
8190	M10	555x3 275x3 24 450x3 18 (R5) CW 30-06-2001 Sat 0210
8300	V13	New Star BC. Instrumental music. Into normal traffic at 1100 AM 1048 (AH)
8300,0	V13	New Star Radio AM 20-05-2001 Sun 0700 (TY)
8300,0	V13	The New Star Radio, Taiwan AM 01-06-2001 Fri 1200 (TY)
8308,0	4XML	"V BFR7 DE 4XML " over and over in CW. //10822kHz. CW 30-04-2001 Mon 1035 (TY)
8375,0	V22	Chinese female numbers Beijing, China. AM 02-05-2001 Wed 1300 (TY)
8375,0	V22	Chinese female numbers, Chinese Intelligence, Beijing, China AM 19-05-2001 Fri 1500 (TY)
8375,0	V22	Chinese female numbers, Chinese Intelligence, Beijing,

China AM 11-06-2001 Mon 1300 (TY)

8375,0 V22 Chinese female numbers, Beijing, China AM 14-06-2001 Thu 1300 (TY)

8464,0 E03 Lincolnshire Poacher numbers, British MI6, Cyprus USB 03-05-2001 Thu 1700 (TY)

8464,0 E03 LP, British MI6, Cyprus USB 10-06-2001 Sun 2200 (TY)

8495,0 MX SLHFM-F, C, and M, Vladivostok, Moscow and Magadan, Russia, CW 03-05-2001 Thu 1117 (TY)

8495,0 MX SLHFM-F and K, Vladivostok and Peteropavrovsk Kam., Russia CW 03-05-2001 Fri 1715 (TY)

8495,0 MX SLHFM-F, Vladivostok, Russia CW 17-06-2001 Sun 0720

8588,0 XSL The slot machine AM 01-06-2001 Fri 1100 (TY)

8588,0 XSL The slot machine AM 04-06-2001 Mon 2310 (TY)

8588,0 XSL The slot machine AM 17-06-2001 Sun 0131 (TY)

8589,0 XSL The slot machine AM 13-05-2001 Sun 1305 (TY)

8641,0 E10 SYN2, Istaeli Mossad USB 04-06-2001 Mon 2145 (TY)

8641,0 E10 SYN2 Israeli Mossad USB 15-06-2001 Fri 2045 (TY)

8703,5 XSL The slot machine AM 01-06-2001 Fri 1100 (TY)

8703,5 XSL The slot machine AM 04-06-2001 Mon 2231 (TY)

8703,5 XSL The slot machine AM 17-06-2001 Sun 0315 (TY)

8704,5 XSL The slot machine AM 13-05-2001 Sun 1305 (TY)

9062 M08a ID 13061 73881 67722 (rpt of 0400z sked on 10235m) CW 03-06-2001 Sun 0500

9063 V02a ID ----- (in progress) AM 29-06-2001 Fri

9064 M08a ID ----- (in progress) CW 03-06-2001 Sun

9102 X06 6-tone selcal AM 09-06-2001 2225 (KS)

9115,0 M08a The Cuban Cut CW nbrs, DGI, in progress CW 08-06-2001 Fri 1018 (TY)

9130 E10 // 11565 EZI AM 12-06-2001 Tue 0100

9130 E10 // 6842 // 11565 AM 12-06-2001 Tue 0200

9130 E10 in progress USB 13-06-2001 Wed 2018

9130 E10 in progress USB 14-06-2001 Thu 2035

9130 E10 EZI 77 LHUFU USB 15-06-2001 Fri 2000

9130 E10 EZI USB 19-06-2001 Tue 2030

9130 E10 in progress (115 YNSYD) USB 23-06-2001 Sat 2136

9130 E10 Israeli Intel. EZI AM 25-06-2001 Mon 2000 (AB)

9130 E10 USB 30-06-2001 Sat 0200

9130,0 E10 EZI Mossad USB 04-06-2001 Mon 2200 (TY)

9130,0 E10 EZI Israeli Mossad USB 15-06-2001 Fri 2000 (TY)

9130,0 E10 EZI Israeli Mossad USB 15-06-2001 Fri 2030 (TY)

9142 E17 249 650 197, two message strings AM 12-06-2001 Tue

9142 E17 249 650 197, two message strings AM 13-06-2001 Wed

9142 E17 repeat of 6/13 AM 14-06-2001 Thu 0200

9152 M08a ID 66391 48832 67722 CW 02-06-2001 Sat 1200

9153 M08a ID 69773 73971 96623 CW 13-06-2001 Wed 1000

9153 V02a ID 73672 53133 76991 AM 28-06-2001 Thu 0700

9153,0 M08a The Cuban Cut CW nbrs, DGI, in progress CW 02-05-2001 Wed 1007 (TY)

9153,0	M08a	The Cuban Cut CW numbers, DGI, in progress. CW 28-05-2001 Mon 1004 (TY)
9153,0	M08a	The Cuban Cut CW numbers, DGI, in progress. CW 01-06-2001 Fri 1004 (TY)
9153,0	M08a	The Cuban Cut CW numbers, DGI, in progress. CW 11-06-2001 Mon 1004 (TY)
9202	E10	YHF net, 36 gp msg, 1st gp HOEAC USB 25-06-2001 Mon 1830
9202	E10	YHF Net in progress. From finish time I suspect same msg as 25/6 USB 29-06-2001 Fri 0440
9205	E05	790x3 1234567890 (R10) - (couldn't find parallel freq) USB 02-06-2001 Sat 0300
9219,0	E05	TCS, CIA USB 03-05-2001 Thu 1700 (TY)
9219,0	E05	TCS USB 25-05-2001 Fri 2200 (TY)
9238,0	M08a	The Cuban Cut CW numbers, DGI, in progress. CW 28-05-2001 Mon 0932 (TY)
9239	M08a	ID 84503 15272 19852 CW 01-06-2001 Fri 0700
9239	M08a	ID 13062 49823 67723 (rpt of 1000z sked on 8136m) CW 03-06-2001 Sun 1100
9239	M08a	ID 32151 84723 63632 CW 24-06-2001 Sun 1100
9239	M08a	ID ----- (in progress) CW 29-06-2001 Fri
9239,0	M08a	The Cuban Cut CW numbers, DGI, in progress CW 31-05-2001 Thu 1015 (TY)
9239,0	M08a	The Cuban Cut CW numbers, DGI, in progress. CW 07-06-2001 Thu 1006 (TY)
9251	E03	84221 USB 13-06-2001 Wed 2000
9251	E03	in progress USB 14-06-2001 Thu 2021
9251	E03	USB 21-06-2001 Thu 1933
9251	E03	USB 21-06-2001 Thu 2025
9251	E03	LP, id 12963 USB 25-06-2001 Mon 2000 (AB)
9251	E03	LP. id 24099 USB 25-06-2001 Mon 2100 (AB)
9251,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 29-04-2001 Sun 1800 (TY)
9251,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 29-04-2001 Sun 1900 (TY)
9251,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 30-04-2001 Mon 1800 (TY)
9251,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 02-05-2001 Wed 2200 (TY)
9251,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 09-05-2001 Wed 2100 (TY)
9251,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 16-05-2001 Wed 2100 (TY)
9251,0	E03	LP, British MI6, Cyprus USB 31-05-2001 Thu 2200 (TY)
9251,0	E03	LP, British MI6, Cyprus USB 04-06-2001 Mon 2100 (TY)
9251,0	E03	LP, Cyprus USB 15-06-2001 Fri 2000 (TY)
9251,0	E03	LP, Cyprus USB 15-06-2001 Fri 2100 (TY)
9251,0	E04	LP, British MI6, Cyprus USB 12-06-2001 Tue 2100 (TY)

9270,0	E10	CI02, Israeli Mossad USB 03-05-2001 Thu 1745 (TY)
9270,0	E10	CI02, Israeli Mossad USB 03-05-2001 Thu 1845 (TY)
9270,0	E10	CI02, Israeli Mossad USB 16-05-2001 Wed 2045 (TY)
9270,0	E10	CI02, Israeli Mossad USB 16-05-2001 Wed 2145 (TY)
9292	E10	YHF Net, 36 gp msg, 1st gp HOEAC - same as 25/6 USB 27-06-2001 Wed 1830
9323	M08a	ID 92331 26202 63562 (rpt of 0800z sked on 10236m) CW 03-06-2001 Sun 0900
9323,0	M08a	The Cuban Cut CW numbers, DGI, in progress CW 31-05-2001 Thu 1015 (TY)
9323,0	M08a	The Cuban Cut CW numbers, DGI, in progress. CW 07-06-2001 Thu 1006 (TY)
9323,0	M08a	The Cuban Cut CW numbers, DGI, already in progress. CW 12-06-2001 Tue 1005 (TY)
9323,0	M08a	The Cuban Cut CW numbers, DGI, already in progress CW 17-06-2001 Sun 0931 (TY)
9330	M08a	ID 73882 67723 13062 CW 04-06-2001 Mon 0400
9331	M08a	ID 15681 45572 56502 CW 03-06-2001 Sun 1200
9331	M08a	ID 95092 48413 21673 CW 13-06-2001 Wed 1200
9331,0	M08a	The Cuban Cut CW brs, DGIs, in progress. CW 13-05-2001 Sun 1210 (TY)
9332	M08a	ID 19992 36333 93411 CW 13-06-2001 Wed 1000
9360	M24	937 (R4) 201x2 63x2 BTx2 CW 26-06-2001 Tue 0830
9360	M24	937 (R4) 201x2 63x2 BTx2 (repeat of 6/26/01 sked, same time/freq) CW 27-06-2001 Wed 0830
9362	M24	937 (R4) 614x2 97x2 BTx2 CW 05-06-2001 Tue 0830
9362	M24	937 (R4) 265x2 173x2 BTx2 (rpt of 0800z sked on 11636m) CW 12-06-2001 Tue 0830
9362	M24	937 (R4) 265x2 173x2 BTx2 (rpt of Tuesday 6/12/01 sked, same time/freq) CW 13-06-2001 Wed 0830
9362	M24	937 (R4) 265x2 173x2 BTx2 (rpt of Tuesday 6/12/01 sked, same time/freq) CW 13-06-2001 Wed 0830
9362	M24	937 (R4) 408x2 173x2 BTx2 (rpt of 6/19/01 sked, same time, but freq different) CW 20-06-2001 Wed 0830
9369	M24	937 (R4) 408x2 173x2 BTx2 CW 19-06-2001 Tue 0830
9375	M24	937 (R4) 614x2 97x2 BTx2 (rpt of 0800z sked on 11636m-sounds a little faster this time) CW 06-06-2001
9375	M24	937 (R4) 614x2 97x2 BTx2 (rpt of 0800z sked on 11636m-sounds a little faster this time) CW 06-06-2001
9418	M24	046 00000 (R4) (null sked) CW 03-06-2001 Sun 0800
9725,0	V13	New Star Radio AM 20-05-2001 Sun 0700 (TY)
9725,0	V13	The New Star Radio, Taiwan AM 01-06-2001 Fri 1200 (TY)
10126	M08a	ID ----- 50251 ----- (in progress-rpt of 0800z sked on 11432m) CW 05-06-2001 Tue 0900
10126	M08a	ID 69773 73971 96623 (rpt of 1000z sked on 9153m) CW 13-06-2001 Wed 1100
10126,0	M08a	The Cuban CUT CW nbrs, DGI, in progress CW 28-04-2001 Sat 0930 (TY)

10126,0	M08a	The Cuban CUT CW numbers, DGI, in progress, in progress. CW 19-05-2001 Sat 0906 (TY)
10126,0	M08a	The Cuban Cut CW numbers, DGI, in progress CW 26-05-2001 Sat 0907 (TY)
10126,0	M08a	The Cuban Cut CW numbers, DGI, in progress. CW 01-06-2001 Fri 1104 (TY)
10126,0	M08a	The Cuban Cut CW numbers, DGI, in progress CW 02-06-2001 Sat 0905 (TY)
10126,0	M08a	The Cuban Cut CW numbers, DGI, in progress. CW 07-06-2001 Thu 1005 (TY)
10235	M08a	ID ----- (in progress) CW 01-06-2001 Fri
10235	M08a	ID 13061 73881 67722 CW 03-06-2001 Sun 0400
10236	M08a	ID 92331 26202 63562 CW 03-06-2001 Sun 0800
10236	M08a	ID 49353 09881 79491 CW 24-06-2001 Sun 0800
10236,0	M08a	The Cuban CUT CW numbers, DGI, in progress, in progress. CW 06-05-2001 Sun 0829 (TY)
10248	M16	DGSE. VVV VVV VVV 8BY 8BY 8BY 687 / 099 / 371 / 626 / 434 / 506 CW 05-05-2001 Sat 1353 (RN)
10248	M16	VVVx3 8BYx3 306/629/784 CW 03-06-2001 Sun 0400
10248	M16	8BY. DGSE. 311/155/313/687/893/626/506 CW 13-06-2001 Wed 1454 (RGA)
10346,0	M08a	The Cuban CUT CW nbrs, DGI, in progress CW 15-05-2001 Tue 1115 (TY)
10346,0	M08a	The Cuban Cut CW numbers, DGI, in progress CW 26-05-2001 Sat 1120 (TY)
10346,0	M08a	The Cuban Cut CW numbers, DGI, in progress CW 31-05-2001 Thu 1015 (TY)
10426,0	E03	LP, British MI6, Cyprus USB 04-06-2001 Mon 2200 (TY)
10445	V02	Spanish Lady AM 18-06-2001 Mon 0530
10445	V02a	ID ----- (in progress) YL/SS AM 04-06-2001
10445	V02a	A 00281 09853 36122 AM 06-06-2001 Wed 0500
10446	M08a	ID 63571 50252 12852 CW 06-06-2001 Wed 0800
10446	M08a	ID 63571 50252 12852 CW 06-06-2001 Wed 0800
10446	M08a	ID 27881 ----- 56722 (in progress) CW 18-06-2001 Mon
10446	M08a	ID 49351 91743 20153 CW 22-06-2001 Fri 0800
10446	V02a	5FGs AM 27-06-2001 Wed 0333 (Vambo)
10446,0	M08a	The Cuban CUT CW nbrs, DGI, in progress CW 15-05-2001 Tue 1115 (TY)
10446,0	M08a	The Cuban Cut CW numbers, DGI, in progress CW 31-05-2001 Thu 1015 (TY)
10446,0	M08a	The Cuban Cut CW numbers, DGI, already in progress. CW 12-06-2001 Tue 1105 (TY)
10450	E17	distorted audio AM 24-06-2001 Sun 0500 (JMM)
10450	E17	65 group message heavily distorted USB 24-06-2001 Sun
10527	E05	rptg 190 Count 187 949/88 AM 01-06-2001 Fri 2200
10527,0	E05	TCS USB 25-05-2001 Fri 2200 (TY)
10566	M08a	already in progress at :01 CW 01-06-2001 Fri 1300
10566	M08a	ID 15681 45572 56502 (rpt of 1200z sked on 9331m) CW

03-06-2001 Sun 1300

10566,0 M08a The Cuban CUT CW nbrs, DGI, in progress CW 13-05-2001 Sun 1315 (TY)

10583 E05 //11580 rptg 690 Count 136 297/68 AM 02-06-2001 Sat

10583 E05 //11580 rptg 690 Count 136 297/68 AM 02-06-2001 Sat

10583 E05 // 11580 rptg 690 Count AM 12-06-2001 Tue 2100

10583,0 E05 TCS USB 12-06-2001 Tue 2100 (TY)

10621,0 M40 VVV CQ747. 963, M40, North Korea CW 02-05-2001 Wed 1000 (TY)

10642 S10E Slovak Man. 5FGs AM 08-05-2001 Tue 1515 (RN)

10643 E05 USB 21-06-2001 Thu 1912

10648 E10 in progress AM 19-06-2001 Tue 1812 (RGA)

10715 M08a ID 19992 36333 93411 (rpt of 1000z sked on 9332m) CW 13-06-2001 Wed 1100

10740 591 591 100 100 00000 CW 19-06-2001 Tue 1831 (RGA)

10750,0 V09 Chinese female numbers, Chinese Intelligence, Guangzhou,, China, V09 AM 19-05-2001 Fri 1500 (TY)

10820,0 E10 VLB2, Israeli Mossad, E10 AM 21-05-2001 Mon 2145 (TY)

10822,0 4XML "V BFR7 DE 4XML " over and over in CW CW 30-04-2001 Mon 1035 (TY)

10858 M08a ID 84253 45571 56501 CW 02-06-2001 Sat 1200

10858,0 M08a The Cuban Cut CW numbers, DGI, in progress CW 31-05-2001 Thu 1015 (TY)

10858,0 M08a The Cuban Cut CW numbers, DGI, in progress CW 02-06-2001 Thu 1215 (TY)

10858,0 M08a The Cuban Cut CW numbers, DGI, already in progress. CW 14-06-2001 Thu 1222 (TY)

10871,8 MX Russian navy Kaliningrad. Cluster beacon P CW 08-05-2001 Tue 1700 (RN)

10871,9 MX Cluster beacon S, Arkhangelsk CW 25-06-2001 Mon 1941

10872,0 MX SLHFM-M, Magadan, Russia CW 03-05-2001 Thu 0550 (TY)

10872,0 MX SLHFM-K, M and S, Peteropavrovks Kam. , Magadan and Arlhalgensk, Russia CW 03-05-2001 Fri 1714 (TY)

11000 M12 529 529 529 1 (R4) T883 82 T883 82 CW 05-06-2001 Tue 0640 (IB)

11072,0 E05 TCS, CIA USB 29-04-2001 Sun 1800 (TY)

11120 E06 206x3 00000 AM 06-06-2001 Wed 1400

11430,0 V13 New Star Radio AM 20-05-2001 Sun 0700 (TY)

11430,0 V13 The New Star Radio, Taiwan AM 01-06-2001 Fri 1200 (TY)

11432 M08a ID ----- (in progress) CW 05-06-2001 Tue

11432,0 M08a The Cuban CUT CW nbrs, DGI, in progress CW 28-04-2001 Sat 0815 (TY)

11432,0 M08a The Cuban Cut CW numbers, DGI, in progress CW 26-05-2001 Sat 0814 (TY)

11432,0 M08a The Cuban Cut CW numbers, DGI, in progress CW 02-06-2001 Sat 0804 (TY)

11432,0 M08a The Cuban Cut CW numbers, DGI, in progress CW 02-06-2001 Sat 0816 (TY)

11460	M42	FAPSI. Msgs on link 60047 RTTY 28-06-2001 Thu 1655
11480	S06	064-371/55 96124 AM 06-06-2001 Wed 1800
11545	E03	weak USB 02-06-2001 Sat 2100
11545	E03	weak USB 02-06-2001 Sat 2100
11545	E03	// 12603 // 13375 USB 10-06-2001 Sun 1500
11545	E03	84221 USB 13-06-2001 Wed 2000
11545	E03	in progress USB 14-06-2001 Thu 2021
11545	E03	USB 21-06-2001 Thu 1925
11545	E03	LP. id 24099 USB 25-06-2001 Mon 2100 (AB)
11545	X06	6-tone selcal AM 23-03-2001 1306 (KS)
11545,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 29-04-2001 Sun 1700 (TY)
11545,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 30-04-2001 Mon 2100 (TY)
11545,0	E03	LP, British MI6, Cyprus USB 04-06-2001 Mon 2100 (TY)
11545,0	E03	LP, British MI6, Cyprus USB 04-06-2001 Mon 2200 (TY)
11545,0	E03	LP, British MI6, Cyprus USB 10-06-2001 Sun 1400 (TY)
11545,0	E03	LP, Cyprus USB 15-06-2001 Fri 2000 (TY)
11545,0	E03	LP, Cyprus USB 15-06-2001 Fri 2100 (TY)
11565	E10	EZI2 AM 02-06-2001 Sat 0100
11565	E10	EZI, 5LG AM 10-06-2001 Sun 2200
11565	E10	// 9130 EZI AM 12-06-2001 Tue 0100
11565	E10	// 6842 // 9130 AM 12-06-2001 Tue 0200
11565	E10	in progress USB 13-06-2001 Wed 2018
11565	E10	in progress USB 14-06-2001 Thu 2035
11565	E10	EZI USB 15-06-2001 Fri 0200
11565	E10	EZI 77 LHUFU USB 15-06-2001 Fri 2000
11565	E10	EZI USB 19-06-2001 Tue 2030
11565	E10	in progress (115 YNSYD) USB 23-06-2001 Sat 2136
11565	E10	Israeli Intel. EZI AM 25-06-2001 Mon 2100 (AB)
11565	E10	AM 26-06-2001 Tue 1635
11565	V02a	AM 15-06-2001 Fri 0300
11565,0	E10	EZI Mossad USB 04-06-2001 Mon 2130 (TY)
11565,0	E10	EZI Israeli Mossad USB 07-06-2001 Thu 2200 (TY)
11565,0	E10	EZI Israeli Mossad USB 15-06-2001 Fri 2000 (TY)
11565,0	E10	EZI Israeli Mossad USB 15-06-2001 Fri 2030 (TY)
11565,0	E10	EZI Israeli Mossad USB 15-06-2001 Fri 2100 (TY)
11580	E05	//10583 rptg 690 Count 136 297/68 AM 02-06-2001 Sat
11580	E05	//10583 rptg 690 Count 136 297/68 AM 02-06-2001 Sat
11580	E05	// 10583 rptg 690 Count AM 12-06-2001 Tue 2100
11580,0	E05	TCS USB 12-06-2001 Tue 2100 (TY)
11612	M13	517 (R5) BT 2-5 23 BT (QRN made copy difficult) CW 04-06-2001 Mon 2000
11612	M13	517 (R5) BT 2.. .3 BT (too weak for copy) CW 19-06-2001 Tue 2000
11636	M24	937 (R4) 614x2 97x2 BTx2 CW 05-06-2001 Tue 0800
11636	M24	937 (R4) 614x2 97x2 BTx2 CW 06-06-2001 Wed 0800
11636	M24	937 (R4) 614x2 97x2 BTx2 CW 06-06-2001 Wed 0800

11636	M24	937 (R4) 265x2 173x2 BTx2 CW 12-06-2001 Tue 0800
11636	M24	937 (R4) 265x2 173x2 BTx2 (rpt of Tuesday 6/12/01 sked, same time/freq) CW 13-06-2001 Wed 0800
11636	M24	937 (R4) 265x2 173x2 BTx2 (rpt of Tuesday 6/12/01 sked, same time/freq) CW 13-06-2001 Wed 0800
11636	M24	937 (R4) 408x2 173x2 BTx2 CW 19-06-2001 Tue 0800
11636	M24	937 (R4) 408x2 173x2 BTx2 (rpt of 6/19/01 sked, same time/freq) CW 20-06-2001 Wed 0800
11636	M24	937 (R4) 201x2 63x2 BTx2 CW 26-06-2001 Tue 0800
11636	M24	937 (R4) 201x2 63x2 BTx2 CW 26-06-2001 Tue 0800
11636	M24	937 (R4) 201x2 63x2 BTx2 (repeat of 6/26/01 sked, same time/freq) CW 27-06-2001 Wed 0800
12093	M08a	ID 84253 45571 56501 (rpt of 1200z sked on 10858m) CW 02-06-2001 Sat 1300
12093,0	M08a	The Cuban Cut CW numbers, DGI, in progress CW 26-05-2001 Sat 1310 (TY)
12152,6	M42	FAPSI. mazielka + msgs CROWD36 0829 (PP)
12176	M42	FAPSI. msgs on link 00052 RTTY 0810 (PP)
12180	E06	parallel transmission to 12210 kHz AM 18-06-2001 Mon
12180	V02a	lots of fading AM 12-06-2001 Tue 0200
12184	M24	652 (R4) 903x2 127x2 BTx2 (rpt of sked copied on 14843m at 2117z) CW 02-06-2001 Sat 2140
12184	M24	652 (R5) 903x2 127x2 BTx2 CW 03-06-2001 Sun 2140
12184	M24	675 (R4) 324x2 189x2 BTx2 CW 06-06-2001 Wed 0033
12184	M24	675 (R4) 324x2 189x2 BTx2 CW 06-06-2001 Wed 0033
12184	M24	652 (R4) 819x2 227x2 BTx2 CW 10-06-2001 Sun 2140
12184	M24	652 (R4) 374x2 165x2 BTx2 CW 16-06-2001 Sat 2140
12184	M24	652 (R4) 374x2 165x2 BTx2 (rpt of 6/16/01 sked, same time/freq) CW 17-06-2001 Sun 2140
12184	M24	652 (R4) 140x2 267x2 BTx2 (repeat of 2110z sked on 14843m) CW 24-06-2001 Sun 2149
12184	M24	675 (R4) 940x2 165x2 BTx2 CW 27-06-2001 Wed 0030
12184	M24	652 (R4) 831x2 249x2 BTx2 CW 30-06-2001 Sat 2148
12197	E05	USB 21-06-2001 Thu 1912
12210	E06	parallel transmission to 12180 kHz AM 18-06-2001 Mon
12210	S06C	11068 AM 06-06-2001 Wed 1500
12215	V02a	AM 12-06-2001 Tue 0200
12215	V02a	AM 15-06-2001 Fri 0200
12228	M08a	374 (R4) 268x2 195x2 BTx2 (rpt of 2200z sked on 14578m) CW 21-06-2001 Thu 2231
12228	M24	374 (R4) 891x2 205x2 BTx2 (rpt of 2200z sked on 14578m) CW 07-06-2001 Thu 2232
12228	M24	//in progress// 891x2 205x2 00000 (rpt of June 7, 2001 Thursday 2200z/2230z skeds) CW 11-06-2001 Mon 2241
12228	M24	374 (R4) 268x2 195x2 BTx2 (repeat of 6/21/01, same time/freq) CW 25-06-2001 Mon 2231
12228	M24	374 (R4) 502x2 191x2 BTx2 CW 28-06-2001 Thu 2230
12293	M10	//in progress// 919x3 62x2 38x2 BTx2 CW 11-06-2001 Mon

2211

12325	M13	261 (R5) BT 244 21 BT (too weak for copy) CW 17-06-2001 Sun 2000
12376,0	E10	CI02 Israeli Mossad USB 10-06-2001 Sun 1345 (TY)
12376,0	E10	CI02 Israeli Mossad USB 12-06-2001 Tue 2245 (TY)
12376,0	E10	CI02 Israeli Mossad USB 15-06-2001 Fri 2045 (TY)
12603	E03	// 11545 // 13375 rptg USB 10-06-2001 Sun 1500
12603	E03	in progress USB 18-06-2001 Mon 1923
12603,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 29-04-2001 Sun 1700 (TY)
12603,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 29-04-2001 Sun 1800 (TY)
12603,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 02-05-2001 Wed 2200 (TY)
12603,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 03-05-2001 Thu 1800 (TY)
12603,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 09-05-2001 Wed 2100 (TY)
12603,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 16-05-2001 Wed 2100 (TY)
12603,0	E03	LP, British MI6, Cyprus USB 31-05-2001 Thu 2200 (TY)
12603,0	E04	LP, British MI6, Cyprus USB 12-06-2001 Tue 2100 (TY)
12736,0	E10	CI02 Israeli Mossad USB 04-06-2001 Mon 2145 (TY)
12747,0	E10	CI02, Israeli Mossad USB 03-05-2001 Thu 1745 (TY)
12747,0	E10	CI02, Israeli Mossad USB 03-05-2001 Thu 1845 (TY)
12747,0	E10	CI02, Israeli Mossad USB 16-05-2001 Wed 2045 (TY)
12747,0	E10	CI02, Israeli Mossad USB 16-05-2001 Wed 2145 (TY)
12946		792 792 792 000 CW 07-06-2001 Thu 0700 (IB)
12984,0	M22	4XZ, Haifa, Israeli Navy CW 29-04-2001 Sun 1830 (TY)
13150,0	V13	New Star Radio AM 20-05-2001 Sun 0700 (TY)
13157	M13	714 (R5) BT 201 21 BT CW 14-06-2001 Thu 2000
13157	M13	714 (R5) BT 201 21 BT (rpt of 6/14/01 sked, same time/freq) CW 15-06-2001 Fri 2000
13157	M13	714 (R5) BT 201 21 BT CW 28-06-2001 Thu 2000
13374,0	V02	The Cuban "atencion" numbers, Cuban Intelligence, DGI AM 06-05-2001 Sun 0700 (TY)
13374,0	V02	The Cuban "atencion" numbers, Cuban Intelligence, DGI AM 13-05-2001 Sun 0710 (TY)
13374,0	V02	The Cuban "atencion" numbers, Cuban Intelligence, DGI AM 20-05-2001 Sun 0704 (TY)
13374,0	V02	Cuban "atencion" numbers, DGI, in progress and vy low modulation.. AM 03-06-2001 Sun 0703 (TY)
13374,0	V02	Cuban "atencion" numbers, DGI, in progress and vy low modulation.. AM 10-06-2001 Sun 0707 (TY)
13374,0	V02	The Cuban "atecion" numbers, DGI AM 17-06-2001 Sun 0700 (TY)
13375	E03	// 11545 // 12603 rptg USB 10-06-2001 Sun 1500
13375,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB

29-04-2001 Sun 1700 (TY)

13447	E07	234 1 3915/109=45226 AM 27-06-2001 Wed 2040 (HFD)
13447,0	E07	234:1-3915/109= 45226 AM 27-06-2001 Wed 2040 (HFD)
13465,0	E05	TCS, CIA USB 29-04-2001 Sun 1800 (TY)
13527,9	MX	Cluster beacon S, Arkhangelsk CW 25-06-2001 Mon 1908
13528,0	MX	SLHFM-F and M, Vladivostok and Magadan, Russia CW 03-05-2001 Thu 0551 (TY)
13528,0	MX	SLHFM-F, M and S, Vladivostok, Magadan and Arkhagelsk, Russia CW 03-05-2001 Thu 1118 (TY)
13528,0	MX	SLHFM-K, M and S, Peteropavrovsk Kam., Magadan and Arlhalgensk, Russia CW 03-05-2001 Fri 1714 (TY)
13528,0	MX	SLHFM-F and K, Vladivostok and Peteropavrovsk Kam., Russia AM 24-05-2001 Thu 1028 (TY)
13528,0	MX	F and K- SLHFMs, Vladivostok and Peteropavrovsk Kam., Russia CW 12-06-2001 Tue 1118 (TY)
13528,0	MX	SLHFMs-F and K, Vladivostok and Peteropavrovsk Kam., Russia AM 17-06-2001 Sun 0717 (TY)
13533	E10	EZI 77 LHUFU USB 15-06-2001 Fri 2000
13533	E10	Weak - unreadable on AM so had to switch to USB USB 23-06-2001 Sat 0500
13533	E10	Israeli Intel. EZI AM 25-06-2001 Mon 2100 (AB)
13533	E10	AM 26-06-2001 Tue 1635
13533,0	E10	EZI Israeli Mossad USB 04-06-2001 Mon 2130 (TY)
13533,0	E10	EZI Israeli Mossad USB 15-06-2001 Fri 2100 (TY)
13572,0	E07	The English Man numbers, Russian Intelligence, E07, 5FG's already in progress, ended with "0000 000". New OM Ann without weird EE. AM 16-05-2001 Wed 2023 (TY)
13750	V13	New Star Broadcasting YL/CC 4FGx2 AM 01-06-2001 Fri
13750,0	V13	The New Star Radio, Taiwan AM 01-06-2001 Fri 1200 (TY)
13852	M24	715 (R4) 860x2 237x2 BTx2 (rpt of 0000z sked on 16218m) CW 21-06-2001 Thu 0039
13852	M24	715 (R4) 302x2 171x2 BTx2 CW 28-06-2001 Thu 0031
13906,0	E05	TCS AM 13-05-2001 Sun 1200 (TY)
13908,0	E05	TCS AM 03-06-2001 Sun 1200 (TY)
13921,0	E10	CI02 Israeli Mossad USB 04-06-2001 Mon 2145 (TY)
13921,0	E10	CI02 Israeli Mossad USB 12-06-2001 Tue 2245 (TY)
13921,0	E10	CI02 Israeli Mossad USB 15-06-2001 Fri 2045 (TY)
13952	M24	(in progress) 248x2 159x2 BTx2 (rpt of 0000z sked on 16218m) CW 07-06-2001 Thu 0039
13952	M24	715 (R4) 649x2 223x2 BTx2 CW 14-06-2001 Thu 0037
13952	M24	715 (R4) 860x2 237x2 BTx2 (rpt of 0000z sked on 16218m) CW 21-06-2001 Thu 0039
14289	E07	234:1-3915/109=45226 AM 27-06-2001 Wed 2020 (HFD)
14389	E07	234 000 AM 13-06-2001 Wed 2020 (LDO)
14389	E07	USB 18-06-2001 Mon 2020
14389,0	E07	234:1-3915/109= 45226 AM 27-06-2001 Wed 2020 (HFD)
14487	E03	//15682//16084 rptg 65554 USB 01-06-2001 Fri 1300
14487	E03	//15682//16084 rptg 01061 USB 01-06-2001 Fri 1400

14487	E03	weak USB 02-06-2001 Sat 1400
14487,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 02-05-2001 Wed 1300 (TY)
14487,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 02-05-2001 Wed 1400 (TY)
14487,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 03-05-2001 Thu 1800 (TY)
14487,0	E03	LP, British MI6, Cyprus USB 26-05-2001 Sat 1200 (TY)
14487,0	E03	LP, British MI6, Cyprus USB 26-05-2001 Sat 1300 (TY)
14487,0	E03	LP, British MI6, Cyprus USB 08-06-2001 Fri 1200 (TY)
14487,0	E03	LP, British MI6, Cyprus USB 10-06-2001 Sun 1400 (TY)
14530	E10	USB 18-06-2001 Mon 2045
14532	M24	675 (R4) 324x2 189x2 BTx2 CW 06-06-2001 Wed 0000
14532	M24	675 (R4) 324x2 189x2 BTx2 CW 06-06-2001 Wed 0000
14532	M24	675x3 00000 (R4) CW 13-06-2001 Wed 0000
14532	M24	675x3 00000 (R4) CW 13-06-2001 Wed 0000
14532	M24	675x3 00000 (R4) CW 20-06-2001 Wed 0000
14532	M24	675 (R4) 940x2 165x2 BTx2 CW 27-06-2001 Wed 0000
14576	M42	FAPSI. msgs on link 80161 RTTY 1121 (PP)
14578	M24	374 (R4) 891x2 205x2 BTx2 CW 07-06-2001 Thu 2200
14578	M24	374x3 00000 (R4) --null sked-- CW 14-06-2001 Thu 2200
14578	M24	374 (R4) 268x2 195x2 BTx2 CW 21-06-2001 Thu 2200
14578	M24	374 (R4) 268x2 195x2 BTx2 (repeat of 6/21/01, same time/freq) CW 25-06-2001 Mon 2200
14578	M24	374 (R4) 502x2 191x2 BTx2 CW 28-06-2001 Thu 2200
14700	E06	USB 18-06-2001 Mon 2015
14739	E05	//16198 rptg 896 Count 215 403/75 AM 01-06-2001 Fri
14739	E05	// 16198 rptg 896 Count 215 AM 10-06-2001 Sun 1500
14750	E10	SYN2 AM 01-06-2001 Fri 1345
14750,0	E06	The Enlish Man numbers, E06, Russsian Intelligence, Russia, already in progress. Ended with "00000". AM 12-06-2001 Tue 2105 (TY)
14750,0	E10	CI02, Israeli Mossad USB 03-05-2001 Thu 1745 (TY)
14750,0	E10	CI02, Israeli Mossad USB 03-05-2001 Thu 1845 (TY)
14750,0	E10	CI02, Israeli Mossad USB 16-05-2001 Wed 2045 (TY)
14750,0	E10	CI02, Israeli Mossad USB 16-05-2001 Wed 2145 (TY)
14750,0	E10	Abnormal SYN2 call up only for over 30 mins. USB 26-05-2001 Sat 1333 (TY)
14762	E06	male English voice reading numbers... USB 18-06-2001 Mon 2015
14817	X06	FAPSI. selcal and online erypted msgs CROWD36 30-06-2001 Sat 1714 (RH2)
14843	M24	(in progress) BTx2 903x2 127x2 00000 CW 02-06-2001 Sat 2117
14843	M24	652 (R4) 903x2 127x2 BTx2 CW 03-06-2001 Sun 2110
14843	M24	652 (R4) 819x2 227x2 BTx2 CW 10-06-2001 Sun 2110
14843	M24	652 (R4) 374x2 165x2 BTx2 CW 16-06-2001 Sat 2110
14843	M24	652 (R4) 374x2 165x2 BTx2 (rpt of 6/16/01 sked, same

		time/freq) CW 17-06-2001 Sun 2110
14843	M24	652 (R4) 140x2 267x2 BTx2 CW 24-06-2001 Sun 2110
14843	M24	652 (R4) 831x2 249x2 BTx2 CW 30-06-2001 Sat 2110
14866	E10	VLB2 AM 01-06-2001 Fri 1345
14866	E10	VLB2 USB 01-06-2001 Fri 1545
14866	E10	VLB2 USB 01-06-2001 Fri 1645
14866,0	E10	VLB2, Israeli Mossad, E10 AM 21-05-2001 Mon 2145 (TY)
14866,0	E10	Abnormal VLB2 call up only for over 30 mins. USB
		26-05-2001 Sat 1335 (TY)
14866,0	E10	Abnormal VLB2 Israeli Mossad, callup only for over
		30mins. USB 28-05-2001 Mon 1345 (TY)
15388	V13	New Star Broadcasting YL/CC 4FGx2 AM 01-06-2001 Fri
15388,0	V13	New Star Radio AM 20-05-2001 Sun 0700 (TY)
15388,0	V13	The New Star Radio, Taiwan AM 01-06-2001 Fri 1200 (TY)
15682	E03	//14487//16084 rptg 65554 USB 01-06-2001 Fri 1300
15682	E03	//14487//16084 rptg 01061 USB 01-06-2001 Fri 1400
15682,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB
		02-05-2001 Wed 1300 (TY)
15682,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB
		02-05-2001 Wed 1400 (TY)
15682,0	E03	LP, British MI6, Cyprus USB 26-05-2001 Sat 1200 (TY)
15682,0	E03	LP, British MI6, Cyprus USB 26-05-2001 Sat 1300 (TY)
15682,0	E03	LP, British MI6, Cyprus USB 04-06-2001 Mon 1200 (TY)
15682,0	E03	LP, British MI6, Cyprus USB 08-06-2001 Fri 1200 (TY)
15682,0	E03	LP, British MI6, Cyprus USB 10-06-2001 Sun 1400 (TY)
15732,0	E05	TCS AM 13-05-2001 Sun 1200 (TY)
15732,0	E05	TCS AM 03-06-2001 Sun 1200 (TY)
15748	M24	407 (R4) 826x2 139x2 BTx2 CW 05-06-2001 Tue 0030
15980,0	E10	EZI Israeli Mossad USB 15-06-2001 Fri 2100 (TY)
16084	E03	//14487//15682 rptg 65554 USB 01-06-2001 Fri 1300
16084	E03	//14487//16084 rptg 01061 USB 01-06-2001 Fri 1400
16084,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB
		02-05-2001 Wed 1300 (TY)
16084,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB
		02-05-2001 Wed 1400 (TY)
16084,0	E03	LP, British MI6, Cyprus USB 26-05-2001 Sat 1200 (TY)
16084,0	E03	LP, British MI6, Cyprus USB 26-05-2001 Sat 1300 (TY)
16084,0	E03	LP, British MI6, Cyprus USB 04-06-2001 Mon 1200 (TY)
16084,0	E03	LP, British MI6, Cyprus USB 08-06-2001 Fri 1200 (TY)
16165	X06	FAPSI. Selcal AM 27-06-2001 Wed 1610 (RH2)
16198	E05	// 14739 rptg 896 Count AM 10-06-2001 Sun 1500
16218	M24	(in progress) 248x2 159x2 00000 (note this is not a
		new freq for June, same as May) CW 07-06-2001 Thu 0000
16218	M24	CW 07-06-2001 Thu 0000
16218	M24	715 (R4) 649x2 223x2 BTx2 CW 14-06-2001 Thu 0000
16218	M24	715 (R4) 860x2 237x2 BTx2 CW 21-06-2001 Thu 0000
16218	M24	715 (R4) 860x2 237x2 BTx2 CW 21-06-2001 Thu 0000
16218	M24	715 (R4) 302x2 171x2 BTx2 CW 28-06-2001 Thu 0000

16227	M42	FAPSI. msgs on link 40034 RTTY 1445 (PP)
16284	E07	234:1-3915/109=45226 AM 27-06-2001 Wed 2000 (HFD)
16284,0	E07	234:1-3915/109= 45226 AM 27-06-2001 Wed 2000 (HFD)
16331,9	MX	Cluster beacon S, Arkhangelsk CW 25-06-2001 Mon 1909
16332,0	MX	SLHFM-M, Magadan, Russia CW 03-05-2001 Thu 0550 (TY)
16332,0	MX	SLHFB-M, Magadan, Russia CW 03-05-2001 Thu 1118 (TY)
16475,0	E03	Lincolnshire Poacher numbers, British MI6, Cyprus USB 03-05-2001 Thu 1800 (TY)
16520,0	V22	Chinese female numbers, Chinese Intelligence, Beijing, China AM 20-05-2001 Sun 0030 (TY)
17410	E10	//19715//21930 EZI? i/p AM 03-06-2001 Sun 1545
17410	E10	//19715//21930 EZI? i/p AM 03-06-2001 Sun 1545
17410,0	E10	EZI Israeli Mossad USB 31-05-2001 Thu 1330 (TY)
17421	M42	FAPSI. msgs on link 50035 RTTY 06-06-2001 Wed 1705 (RH2)
17544	M24	407 (R4) 826x2 139x2 BTx2 CW 05-06-2001 Tue 0000
17544	M24	407x3 00000 (R4) CW 12-06-2001 Tue 0000
17544	M24	407x3 00000 (R4) CW 26-06-2001 Tue 0000
17544	M24	407x3 00000 (R4) CW 26-06-2001 Tue 0000
18178,0	E10	CI02 Israeli Mossad USB 28-05-2001 Mon 1345 (TY)
18797		987 987 987 000 CW 06-06-2001 Wed 0130 (IB)
18864	E04	//21866 rptg 49064 USB 01-06-2001 Fri 1300
18864,0	E04	The Cherry Ripe numbers, British MI6 and SIS, Guam USB 02-05-2001 Wed 1300 (TY)
18864,0	E04	Cherry Ripe numbers, British MI6 and SIS, Guam USB 02-05-2001 Wed 2200 (TY)
18864,0	E04	Cherry Ripe numbers, British MI6 and SIS, Guam USB 02-05-2001 Wed 2300 (TY)
18864,0	E04	Cherry Ripe numbers, British MI6 and SIS, Guam USB 03-05-2001 Thu 0000 (TY)
18864,0	E04	Cherry Ripe numbers, British MI6 and SIS, Guam USB 08-05-2001 Tue 2200 (TY)
18864,0	E04	CR, British MI6, Guam USB 31-05-2001 Thu 2200 (TY)
18864,0	E04	CR, British MI6, Guam USB 01-06-2001 Fri 1100 (TY)
18864,0	E04	CR, British MI6, Guam USB 04-06-2001 Mon 1100 (TY)
18864,0	E04	CR, British MI6, Guam USB 04-06-2001 Mon 1200 (TY)
18864,0	E04	CR, British MI6, Guam USB 04-06-2001 Mon 2200 (TY)
18864,0	E04	CR, British MI6, Guam USB 10-06-2001 Sun 2200 (TY)
19715	E10	//17410//21930 EZI? i/p AM 03-06-2001 Sun 1545
19715	E10	//17410//21930 EZI? i/p AM 03-06-2001 Sun 1545
19884	E04	//21866 weak USB 01-06-2001 Fri 0100
19884	E04	// 21866 USB 12-06-2001 Tue 0100
19884	E04	// 21866 rptg USB 13-06-2001 Wed 0100
19884,0	E04	Cherry Ripe numbers, British MI6 and SIS, Guam USB 03-05-2001 Thu 0100 (TY)
20048,0	MX	SLHFM-F, Vladivostok, Russia CW 03-05-2001 Thu 0550
20048,0	MX	SLHFM-P and S, Kaliningrad and Arkhangelsk, Russia CW 03-05-2001 Thu 1118 (TY)

20048,0	MX	F-SLHFM, Vladivostok, Russia CW 12-06-2001 Tue 1118
20474,0	E04	Cherry Ripe numbers, British MI6 and SIS, Guam USB 14-05-2001 Mon 1000 (TY)
20474,0	E04	CR, British MI6, Guam USB 01-06-2001 Fri 1000 (TY)
20474,0	E04	CR, British MI6, Guam USB 07-06-2001 Thu 1000 (TY)
20946	M16	8BY. DGSE. VVV DE 8BY 306/706/960/313/594/906 CW 0851 (PP)
20946,0	M16	8BY, French Intelligence, Saint Assise near Paris, France, VVV 8BY, followed by 3FG's separated by a slant bar in CW. Unable to find out parallel freq. CW
21866	E04	//18864 weak USB 01-06-2001 Fri 0100
21866	E04	//18864 rptg 49064 USB 01-06-2001 Fri 1300
21866	E04	weak USB 01-06-2001 Fri 2200
21866	E04	weak/QRN USB 12-06-2001 Tue 0000
21866	E04	// 19884 USB 12-06-2001 Tue 0100
21866	E04	weak USB 12-06-2001 Tue 2300
21866	E04	rptg 07021 USB 13-06-2001 Wed 0000
21866	E04	// 19884 rptg USB 13-06-2001 Wed 0100
21866,0	E04	The Cherry Ripe numbers, British MI6 and SIS, Guam USB 02-05-2001 Wed 1300 (TY)
21866,0	E04	Cherry Ripe numbers, British MI6 and SIS, Guam USB 02-05-2001 Wed 2300 (TY)
21866,0	E04	Cherry Ripe numbers, British MI6 and SIS, Guam USB 03-05-2001 Thu 0000 (TY)
21866,0	E04	Cherry Ripe numbers, British MI6 and SIS, Guam USB 03-05-2001 Thu 0100 (TY)
21930	E10	//17410//19715 EZI? i/p AM 03-06-2001 Sun 1545
21930	E10	//17410//19715 EZI? i/p AM 03-06-2001 Sun 1545
21930	E10	in progress USB 15-06-2001 Fri 1750
23461,0	E04	Cherry Ripe numbers, British MI6 and SIS, Guam USB 14-05-2001 Mon 1000 (TY)
23461,0	E04	CR, British MI6, Guam USB 01-06-2001 Fri 1000 (TY)
23461,0	E04	CR, British MI6, Guam USB 01-06-2001 Fri 1100 (TY)
23461,0	E04	CR, British MI6, Guam USB 04-06-2001 Mon 1100 (TY)
23461,0	E04	CR, British MI6, Guam USB 04-06-2001 Mon 1200 (TY)
23461,0	E04	CR, British MI6, Guam USB 07-06-2001 Thu 1000 (TY)
23740,0	E10	EZI Israeli Mossad USB 16-06-2001 Sat 1330 (TY)
24644,0	E04	Cherry Ripe numbers, British MI6 and SIS, Guam USB 02-05-2001 Wed 2200 (TY)
24644,0	E04	Cherry Ripe numbers, British MI6 and SIS, Guam USB 08-05-2001 Tue 2200 (TY)
24644,0	E04	CR, British MI6, Guam USB 31-05-2001 Thu 2200 (TY)
24644,0	E04	CR, British MI6, Guam USB 04-06-2001 Mon 2200 (TY)
24644,0	E04	CR, British MI6, Guam USB 10-06-2001 Sun 2200 (TY)

::: LOGS CONTRIBUTORS

AB	Ary Boender, Netherlands
AH	Albert Hussein, USA
GG	Gallus Galus, W.Europe
GH	Greg Hajek, ILL, USA
HFD	Hans-Friedrich Dumrese, Germany
IB	Igor Buhtiyarov, Russia
JMM	JMM, Europe
KS	Kai, Germany
LDO	Leif, Germany
MF	Mike Ford, UK
MS	Mark Slaten, MI, USA
NSC	Nathan, SC, USA
PP	Peter Poelstra, Netherlands
RGA	Jim, UK
RH2	Robert Hall, S.Africa
RN	Raven, Netherlands
TY	Takashi Yamaguchi, Japan
Vambo	Vambo

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